



Project No: AFC001-023BCA/BCB

Project: Vandenberg AFB Supplemental RI

Client: AFCEE

Location: Site 2

Borehole ID: HGL-2MW-8

Date: 12/1/99

Geologist: Tom Clifton

SUBSURFACE PROFILE					SAMPLE			Remarks
Depth	Symbol	Description	Elevation	ASTM	Recovery	Moisture	PID (ppm)	
1		Sand Hand augered down to 3.0' : brown, medium coarse, clean sand		SW			0.0	Elevations are from top of casing (feet above msl)
2								
3			471.8093					
4		Clay Sharp contact : dark grayish brown clay with sand, medium stiff	470.3093	CL			0.0	Soil sample collected at 5.5 - 6.0' for analysis Dup 02 collected at 5.0 - 5.5' for analysis
5		Gravelly Sand Brown gravelly sand with local clay	469.3093	GM	90%		255.0	
6		Laminated Mudstone Sharp contact at 5.5' : Laminated mudstone	468.8093	CL	100%	damp		
7								
8		Blind Probe Augered down to 9.5'						
9			465.3093					Soil sample at 15.0 - 15.5' Gasoline odor
10		Mudstone Light gray laminated mudstone with local reddish orange and yellow staining along bedding planes	463.8093	CL	100%	damp	6.4	
11								
12		Blind Probe Augered down to 14.5'						
13			460.3093					
14								Soil sample at 15.0 - 15.5' Gasoline odor
15		Mudstone Light gray to white laminated mudstone, as above. No obvious fractures	458.8093	CL	100%	damp	22.0/50.0	
16								
17		Blind Probe Augered down to 19.5'						
18			455.3093					
19								
20		Mudstone Light gray to white laminated mudstone, as above, stiff	453.8093	CL	80%	damp	10.4/15.4	
21								

Drilled By: West Hazmat

Drill Method: HSA 8"

Drilling Equipment: CME-75

HydroGeoLogic, Inc.
4600 Northgate Blvd., Ste. 207
Sacramento, CA 95834
(916) 614-8770 FAX (916) 614-8775

Hole Size: 8"

Total Depth Drilled: 37'

Sheet: 1 of 2



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22		Blind Probe						Cuttings reddish brown
23		Augered down to 24.5'						
24			450.3093					
25		Mudstone Light gray laminated mudstone, as above, with iron oxide staining along bedding planes	448.8093	CL	100%	moist	20.0	Water at 30.0' bgs
26								
27		Blind Probe						
28		Augered down to 29.5'						
29			445.3093					
30		Mudstone Light gray laminated mudstone, as above, with local iron oxide staining. Fractured chert at 30.5'	443.8093	CL	100%	wet	8.2	
31								End of boring 37.0' bgs
32		Blind Probe						
33		Augered down to 34.5'						
34			440.3093					
35		Mudstone Light gray to white laminated mudstone, as above, with iron oxide staining on bedding planes. Local fractured chert lenses	438.8093	CL	100%	wet	0.0	
36			437.8093					
37								
38								
39								
40								
41								
42								

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